

Notice of Allowability

Application No.

09/905,610

Applicant(s)

CASTELLANOS ET AL.

Examiner

Matthew J. Ludwig

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/18/05.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John P. Wagner on October 21, 2005.

The application has been amended as follows:

In reference to page 2, line 1, please insert 'computer implemented', after 'A' and before 'method'.

REASONS FOR ALLOWANCE

2. Claims 1-24 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter:
The prior art, U.S Patent No. 2002/0103841A1, to Thompson, teaches user selected reference dictionaries to determine which words or phrases populate the list of non-reference words. The reference words used by Thompson are supplied by which previously created dictionary the user chooses. Furthermore, the reference teaches that if a document comprises a given percentage of unrecognized words, it is not processed. Finally, Thompson provides an algorithm to produce possible solutions to invalid terms found within the document from which the user could build "user generated" dictionaries. The correction methods fail to suggest all of the an edit-distance algorithm to create an approximate duplicate list and filtering said approximate duplicates list to

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create a thesaurus of standard words and phrases and their variations. Finally, the reference fails to suggest editing said selected group of documents with an editor operable to use said thesaurus to replace a word or phrase on said approximate duplicates list with said standard words and phrases.

In reference to independent claims 1, 9, and 17, the claimed features of comparing said list of reference words and phrases with a joined list containing said reference words and phrases and said non-reference words and phrases, using an edit-distance algorithm to create an approximate duplicates list, filtering said approximate duplicates list to create thesaurus of standard words and phrases and their variations, and editing said selected group of documents with an editor operable to use said thesaurus to replace a word or phrase on said approximate duplicates list with said standard words and phrases, is not shown in the prior art of record and would not have been obvious to one of ordinary skill in the art to have utilized the prior art of record to come up with applicant's claimed invention.

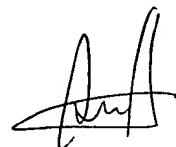
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew J. Ludwig whose telephone number is 571-272-4127. The examiner can normally be reached on 9:00am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ML
October 21, 2005

A handwritten signature in black ink, appearing to read 'Stephen Hong', with a stylized flourish at the end.

STEPHEN HONG
SUPERVISORY PATENT EXAMINER